<u>**Amendments to the Claims**</u>:

1. (currently amended) A location services apparatus for providing location services to a mobile station, comprising:

    a) a CPU;

    b) a memory coupled to the CPU, wherein the memory stores data comprising location services equipment identity information and a plurality of location services equipment identifiers; and

    c) an equipment identity processor coupled to the CPU and to the memory, wherein the equipment identity processor is configured to receive a location services equipment identifier of the plurality, **to receive information identifying an error related to a request for location services from a mobile station identified by the received location services equipment identifier,** to retrieve information comprising a location services equipment identity corresponding to the identifier, and to ~~identify an error or bug characteristic~~ **store and retrieve data related to errors** associated with the location services equipment identity, and wherein the equipment identity processor selectively generates location services control signals that control operation of the CPU responsive to the identified characteristic of the location services equipment identity.

2. (previously presented) The location services apparatus of Claim 1 wherein the location services equipment identity information and the plurality of location services equipment identifiers are associated with and correspond to a mobile station.

3. (currently amended) The location services apparatus of Claim [[2]] **1**, further comprising an equipment identity server, wherein the equipment identity server is configured to provide ~~the characteristic of the mobile station~~ **the data related to errors** to the equipment identity processor.

4. (canceled)

5. (canceled)

6. (currently amended) The location services apparatus of Claim [[2]] <u>1</u> wherein the ~~characteristic~~ <u>the data related to errors</u> includes an error code associated with the mobile station.

7. (original) The location services apparatus of Claim 6 wherein the location services control signals compensate for an error associated with the error code.

8. (currently amended) The location services apparatus of Claim 2 wherein the <u>equipment identity processor stores the data related to errors by generating</u> location services control signals ~~cause~~ <u>causing</u> the CPU to store ~~information~~ <u>the data related to errors</u> in the memory.

9. (currently amended) A communication system for providing location services to a mobile station, the system comprising:
    a) a base station system; and
    b) a location server coupled with the base station system, wherein the location server is configured to <u>receive a request for location services associated with the mobile station, to identify a mobile station type of the mobile station</u>, <u>to</u> identify an error ~~or bug characteristic~~ associated with ~~equipment comprising the mobile station~~ <u>the request for location services, to store and retrieve data relating to errors associated with the identified mobile station type</u>, and to selectively generate location services control signals to control operation of the system to correct the identified ~~characteristic~~ <u>error based at least in part on the retrieved data relating to errors associated with the identified mobile station type</u>.

10. (currently amended) A method of providing location services to a mobile station, the method comprising the steps of:
    a) receiving a request for location services to be provided to the mobile station;
    b) identifying an <u>error associated with the request</u> ~~equipment characteristic of the mobile station in response to the request, wherein the equipment characteristic comprises one or more of the following characteristics: a bug, a bug code, an error, an error code~~; ~~and~~
    c) <u>retrieving data relating to errors associated with an identified mobile station type for the mobile station;</u>

__d)__ selectively generating location services control signals based at least in part on ~~the equipment characteristic~~ __error__ identified in step b) __and the retrieved data of step c); and__

__e) storing data on the generated location services control signals__.

11. (currently amended) The method of Claim 10, further comprising the step of storing data based at least in part on the ~~location services characteristic of the mobile station~~ __identified error__.

12. (currently amended) The method of Claim 10 wherein the location services control signals compensate for an error associated with ~~the~~ __a__ bug.

13. (original) The method of Claim 10 wherein the location services control signals compensate for an error associated with the error code.

14. (currently amended) A communication system comprising:

    a)   a means for providing location services to a mobile station;

    b) a means for identifying an error ~~or bug characteristic of the equipment comprising__ __associated with a request to provide location services to__ the mobile station; ~~and~~

    c)   __a means for storing and retrieving data relating to errors associated with an identified mobile station type for the mobile station; and__

    __d)__ a means for controlling the means for providing location services to correct the identified ~~characteristic__ __error based at least in part on retrieved data relating to errors associated with the identified mobile station type__.

15. (original) The communication system of Claim 14, further comprising a means for identifying a mobile station to which location services are to be provided.

16. (currently amended) The communication system of Claim 14, further comprising a means for storing data ~~based at least in part on the identified equipment characteristic of the mobile station__ __related to corrective action of step d)__.

17. (currently amended) A method of operating a location server, comprising the steps of:

    a)   receiving a request for location services associated with a mobile station;

b) identifying a mobile station type of the associated mobile station;

c) ~~determining operational parameters associated with the identified mobile station type~~ <u>identifying an error related to the request</u>; and

d) storing ~~at least one of the operational parameters~~ <u>the identified mobile station type and the identified error</u>.

18. (original) The method of Claim 17 wherein receiving a request for location services associated with a mobile station includes receiving a mobile station type identifier.

19. (original) The method of Claim 17 wherein receiving a request for location services associated with a mobile station includes receiving a mobile station manufacturer identifier and a mobile station model identifier as part of the request for location services.

20. (original) The method of Claim 17 wherein receiving a request for location services associated with a mobile station includes receiving a mobile station user identifier.

21. (original) The method of Claim 20, wherein the mobile station user identifier may include an international mobile subscriber identity or an electronic serial number.

22. (original) The method of Claim 17 wherein identifying a mobile station type of the associated mobile station includes identifying the associated mobile station by manufacturer and model.

23. (currently amended) The method of Claim 17, further comprising the step of ~~determining a performance parameter related to the request for location services~~ <u>retrieving data relating to errors associated with the identified mobile station type</u>.

24. (canceled)

25. (canceled)

26. (canceled)

27. (currently amended) The method of Claim **[[24]]** <u>20</u>, wherein the mobile station user identifier may include an international mobile subscriber identity or an electronic serial number.

28. (canceled)

29. (canceled)

30. (canceled)

31. (canceled)

32. (original) A method of operating a location server, comprising:

    a) receiving a request for location services associated with a mobile station;

    b) identifying a mobile station type of the associated mobile station;

    c) determining whether an error related to the request for location services has occurred; and

    d) storing and retrieving data relating to errors based on the identified mobile station type.

33. (currently amended) A method of operating a location server, comprising:

    a) receiving a request for location services associated with a mobile station;

    b) identifying a mobile station type of the associated mobile station;

    c) determining ~~operational parameters associated with the identified mobile station type~~ **an error has occurred related to the request for location services**; and

    d) storing and retrieving data associated with and corresponding to ~~at least one of the operational parameters of the associated mobile station~~ **the error in a database of corrective actions**.

34. (currently amended) The method of Claim 33, further comprising the step of providing location services using location services control signals based at least in part on ~~the at least one operational parameter~~ **data retrieved from the database of corrective actions**.

35. (canceled)

36. (original) A method of operating a location server, comprising:

    a) receiving a plurality of requests for location services associated with a plurality of requesting mobile stations;

b)   for at least some of the received requests, identifying a mobile station type of the associated mobile station;

c)   identifying errors related to at least some of the received requests for location services; and

d)   maintaining a database of corrective actions based at least in part on the identified errors and the identified mobile station type.

37. (currently amended) A method of operating a location server, comprising:

a)   receiving a plurality of requests for location services associated with a plurality of requesting mobile stations;

b)   for at least some of the requests for location services, identifying a mobile station type;

c)   for at least some of the identified mobile station types, ~~determining operational parameter related to the fulfillment of the request for location services~~ **receiving information on errors associated with the at least some of the requests**; and

d)   storing and retrieving data associated with and corresponding to the ~~determined operational parameters~~ **errors** based on the identified mobile station type.

38. (currently amended) A method of operating a communication system, comprising:

a)   communicating with a plurality of mobile stations;

b)   for at least some of the mobile stations, determining a corresponding mobile station type;

c)   for at least some of the corresponding mobile station types, initiating a request for location services for the corresponding mobile stations; ~~and~~

d)   **identifying one or more errors associated with received requests for location services from at least a subset of the plurality of mobile stations; and**

e)   storing and retrieving data relating to ~~a location services operational parameters~~ **the identified one or more errors** based on at least one of the corresponding mobile station types.

39. (currently amended) The method of Claim 38, further comprising **[[:]]**

~~a) receiving requests for location services from a plurality of mobile stations; and~~

~~b)~~ providing the requested location services.

40 - 66. (withdrawn)